

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) A display system, comprising:

a display;

~~an a platform-independent application program containing invocations of platform-dependent display routines to create a display image when operating on a processor having adapted to execute from a processor that also operates from an operating system;~~

a memory;

~~a platform-independent software component containing lines of code which, during execution of the application program, fetch a list of text contained within for fetching list data from the memory for producing an a display image of the list data upon the display absent without invoking a platform-dependent display routine from the operating system; and~~

~~a platform-independent peer component coupled between the platform-independent software component and the platform-independent application program, for intercepting said invocation of platform-dependent display routines and for routing the intercepted invocations to said platform-independent software component.~~

2. (Currently Amended) The display system as recited in claim 1, ~~wherein the application program is adapted to operate during runtime of the operating system,~~ wherein the application program creates the list data prior to fetching the list from the memory.

3. (Original) The display system as recited in claim 1, wherein the list is created only once in the memory by the application program, and not again by the operating system.

4. (Original) The display system as recited in claim 1, wherein the image of the list upon the display is created independent of the operating system.

5. - 7. (Canceled)

8. (Currently Amended) The display system as recited in claim 61, wherein the platform-independent software component is part of a system of software components comprises comprising a Java swing Swing application program interface (API).

9. (Canceled)

10. (Currently Amended) The display system as recited in claim 61, wherein the object-platform-independent software component is a choice or list control.

11. (Original) The display system as recited in claim 1, wherein the application program is written in Java programming language.

12. (Currently Amended) A method for displaying an generating a display image, comprising:

running an a platform-independent application program upon a computer operating under an operating system also running on the computer, said platform-independent application program invoking platform-dependent image display software for generating a display image; and

intercepting said platform-dependent invocations by a first platform-independent software component; and

generating a display image using a second platform-independent software component in response to said first platform-independent software component, wherein said second platform-independent software component generates a display list image without creating a copy of list data stored by said application program.

~~creating a list file during said running of the application program by pointing a call routine created in the application program to a library of platform-independent commands and storing the created list file in memory without creating a copy of the list file in memory;~~

13. (Canceled)

14. (Currently Amended) The method as recited in claim 12, wherein said ~~creating~~ comprises communicating the call routine to lines of code within a peer software component that serves to point to the list file within the memory, first platform-independent software component is a peer component emulating a platform-dependent peer component.

15. - 16. (Canceled)

17. (Currently Amended) A computer-readable storage device, comprising:

~~a single copy of a code listing that, when executed by a processor, produces an image a collection~~
of listing data containing a list of items which can be selected by a user via a pointing device;

an operating system for operating a computer that includes the storage device; and

~~an a platform-independent application program adapted to create the code listing absent any involvement of the operating system by sending call instructions a display image of said listing data using platform-dependent display call instructions;~~

a first platform-independent software component that intercepts said platform-dependent display instructions and transfers said display instructions to a second software component that draws from commands within a library of commands that are independent of said operating system, and importing said commands as said lines of code listing for producing said display image.

18. (New) The computer-readable storage device as recited in claim 17, wherein the platform-independent application program is written in the Java programming language.

19. (New) The computer-readable storage device as recited in claim 18, wherein the second software component is a Java Swing component.

20. (New) The computer-readable storage device as recited in claim 19, wherein the first software component is a peer component included within a system of software components form a AWT/Swing application program interface (API), wherein the peer component serves as an interface between the platform-dependent invocations of said application program written in Java programming language and the Swing software components.